

with said local base station repeater cell means, said local base station repeater cell means further comprising,

base station data processing and transmission means for transmitting to a set of said local subscriber units contained within said local base station geographic area associated with said local base station repeater cell means and receiving from a subset of said local set of subscriber units multiplexed synchronously related digital data messages of variable lengths for point-to-point communication between said local base station repeater cell means and said subset of said local subscriber units, reception means for receiving and processing data messages from said set of local subscriber units comprising a local remote receiver disposed within one of a plurality of cell subdivision site partitioned from said local base station geographic area associated with said local base station repeater cell means, said plurality of cell subdivision sites dispersed over said local base station geographic area, each local remote receiver adapted for receiving-only low power digital messages transmitted from said local subscriber units within range of said local remote receiver, and

a set of local subscriber transceiver units including low power mobile units located within said local base station geographic area, each of said local subscriber transceiver units adapted to communicate with said local base station repeater cell means by way of digital data signals of variable lengths synchronously related to a base station broadcast signal and timed for multiplexed message transmission.

47. (Amended) A digital cellular communication system comprising in combination, a cell site divided into a plurality of subdivided zones, a plurality of subscriber units with identity numbers based in said cell site, a cell site